Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 27 Oct 2021 until 23:59 on Thursday 28 Oct 2021

Forecast Issued on Wednesday 27 Oct 2021 at 03:35

Confidence: High confidence for a very wet and windy few days, lower confidence for rainfall amounts and any breaks in persistent rain.

Headline for Wednesday 27 Oct 2021: A very wet and windy day, but mild.

Mountain weather hazards on Wednesday 27 Oct 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales High Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** High Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability					
60%	80%	90%	90%	90%	90%

Forecast for Wednesday 27 Oct 2021

Weather: Dry for much of the night but rain spreading in from the north around dawn. Rain likely to mostly affect the Northern Dales where it could be persistent and heavy for much of the day. Some localised flooding is likely and some rivers and streams are likely to become full. For the more southern Dales there will be drier spells although rain may spread south later in the day.

Chance of cloud free mountain/hill tops above 600m: Very little chance with extensive low cloud associated with heavy rain in the west. 30%chance in the south and west where there will be some breaks in the low cloud.

Visibility: Extensive low cloud from 300m and above for most of the day in the north and west, perhaps more broken and a higher base for northeastern fells, scattered from 500m. Visibility below cloud will also be poor or very poor in heavy rain in the north and west, moderate visibility in the south and east.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2021. All Rights Reserved.

Mountain Weather Forecast

Forecast for Wednesday 27 Oct 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	34/44 SW	33/45 SW	32/45 SW	29/39 SW	30/42 SW	27/38 S	28/39 S
300	18/40 SW	18/39 SW	18/39 SW	16/34 SW	17/36 SW	14/32 S	16/34 S
Valley	17/40 SW	15/37 SW	16/38 SW	15/36 SW	15/35 SW	12/29 S	13/32 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/6	11/6	11/6	11/6	10/6	10/6	10/6
300	13/10	13/9	13/10	13/10	12/10	12/10	12/9
Valley	14/11	14/11	14/11	14/11	13/11	13/11	13/11
Freezing Level*	2900m	3000m	3000m	2900m	2900m	2800m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Severe gales expected at times and along with persistent rain it will be quite unpleasant hill walking conditions especially for the northern Dales.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 27 Oct 2021	2mm	12.8mm	14.8mm

Forecast for Thursday 28 Oct 2021

Weather: Heavy persistent rain is expected to continue on Thursday for much of the Yorkshire Dales, perhaps clearing the far north during the afternoon.

Maximum wind: Strong southerly winds. 30-35mph with gusts 40-45mph (gale force).

Chance of cloud free mountain/hill tops above 600m: 10% chance in the north in the afternoon otherwise extensive low cloud throughout the day.

Visibility: Generally poor throughout the day, perhaps becoming moderate in the north in the afternoon as rain clears. Cloud will be broken above 400m for much of the day.

Temperature: **Valleys:** Plus 13 Celsius.
At 600m: Plus 9 Celsius.
Freezing level: Above all summits.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2021. All Rights Reserved.